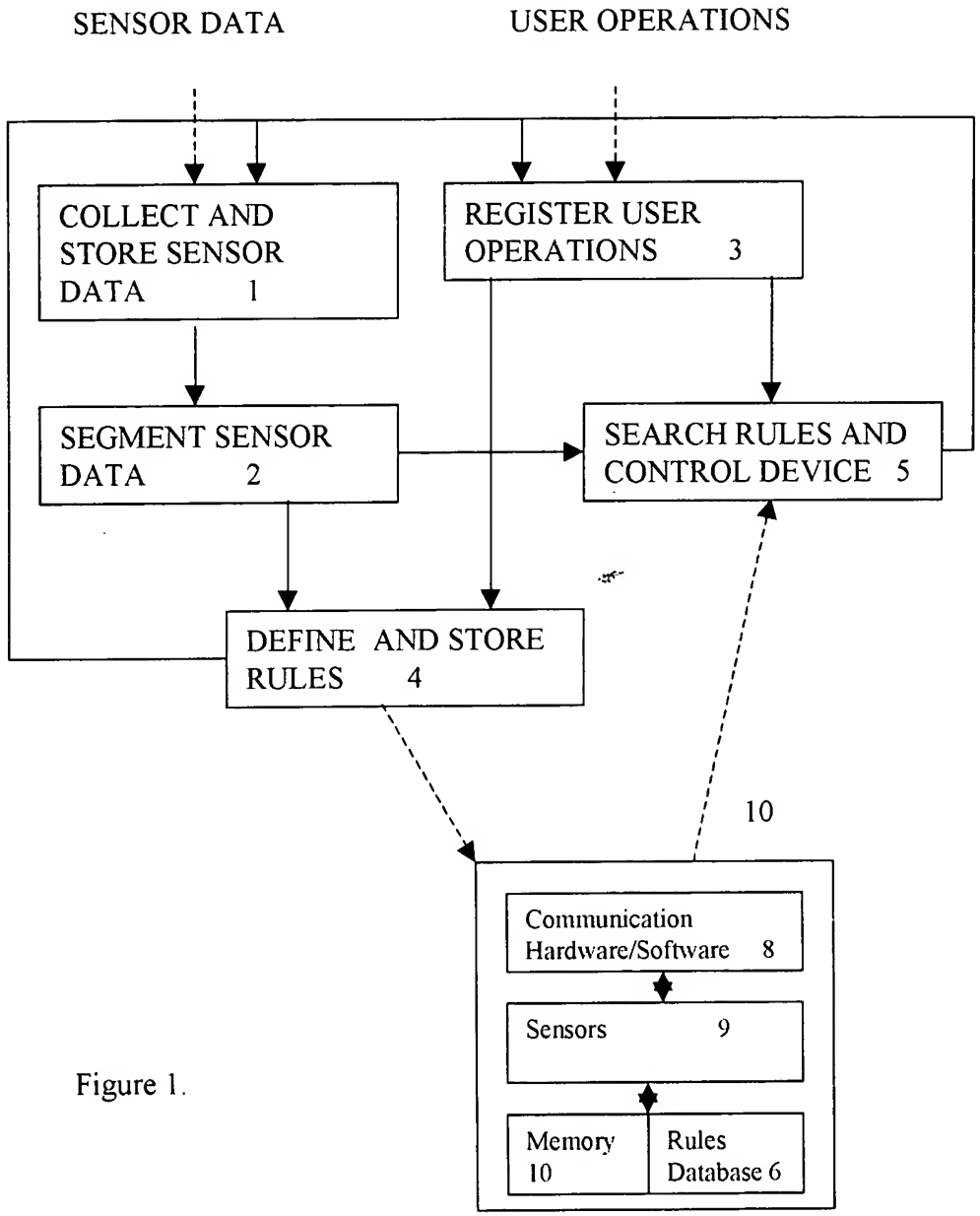

SENSOR DATA
USER OPERATIONS
COLLECT AND STORE SENSOR DATA 1
REGISTER USER OPERATIONS 3
SEGMENT SENSOR DATA 2
SEARCH RULES AND CONTROL DEVICE 5
DEFINE AND STORE RULES 4
10
Communication Hardware/Software 8
Sensors 9
Memory 10
Rules Database 6

Figure 1.

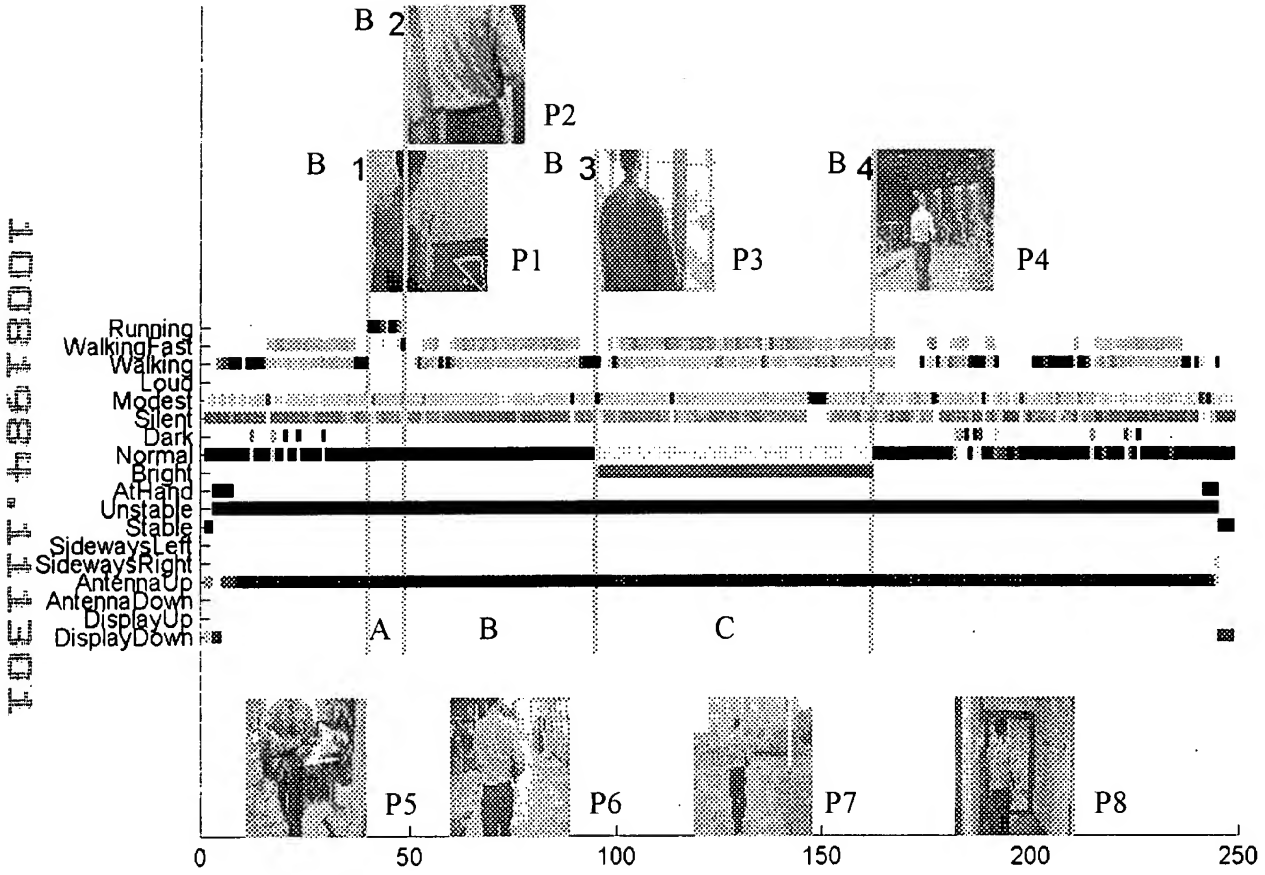
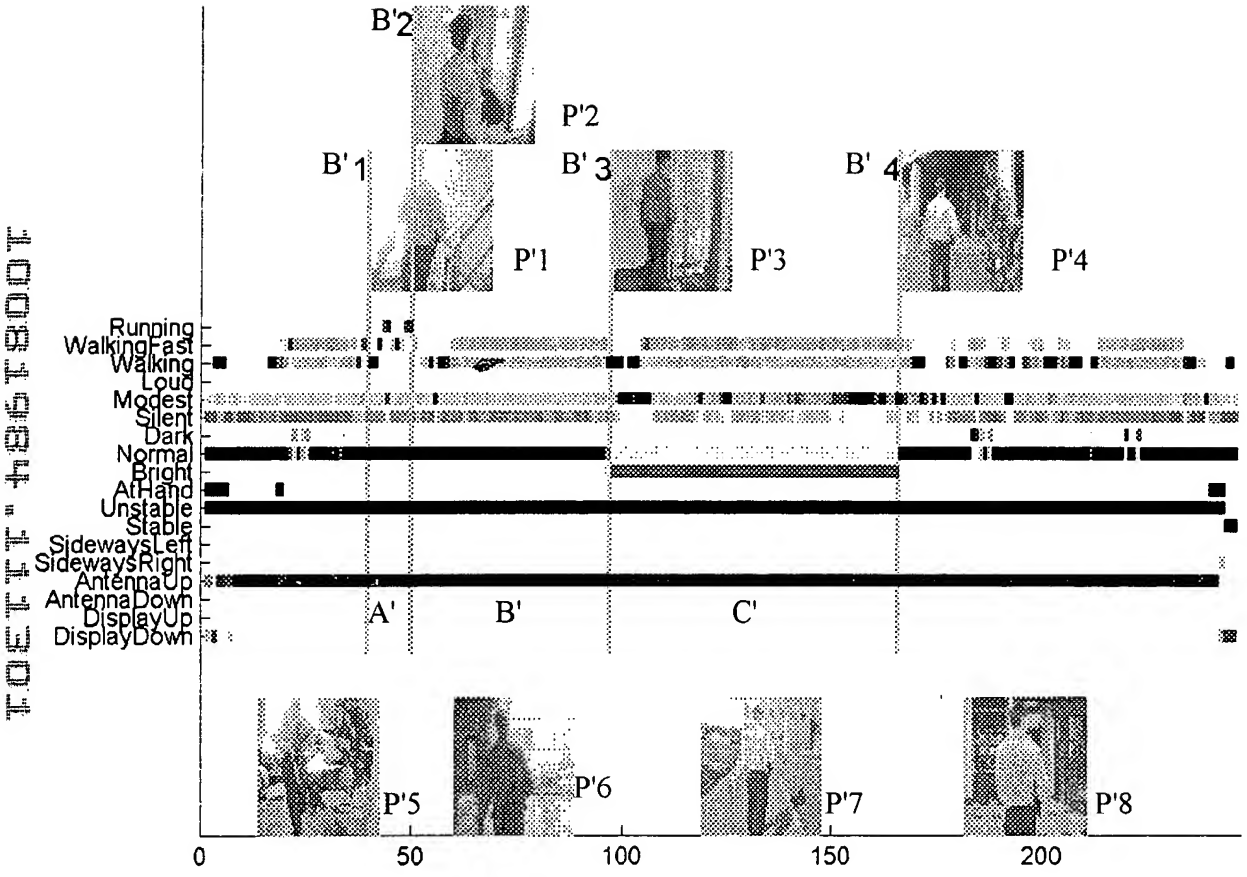

B 2
P2
B 1
P1
B 3
P3
B 4
P4
Running
WalkingFast
Walking
Loud
Modest
Silent
Dark
Normal
Bright
AtHand
Unstable
Stable
SidewaysLeft
SidewaysRight
AntennaUp
AntennaDown
DisplayUp
DisplayDown
A
B
C
P5
P6
P7
P8
0
50
100
150
200
250

Figure 2.


B'2
P'2
B' 1
B' 3
B' 4
P'1
P'3
P'4
Running
WalkingFast
Walking
Loud
Modest
Silent
Dark
Normal
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Unstable
Stable
SidewaysLeft
SidewaysRight
AntennaUp
AntennaDown
DisplayUp
DisplayDown
A'
B'
C'
P'5
P'6
P'7
P'8
0
50
100
150
200

Figure 3.